This Section for DOGM Use:	
Assigned DOGM File No .:	S/035/0031
DOGM Lead:	
Permit Fee \$	Ck#

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

1594 West North Temple Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
Telephone: (801) 538-5291 Fax: (801) 359-3940

NOTICE OF INTENTION TO COMMENCE SMALL MINING OPERATIONS

The informational requirements of this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1987, and the General Rules as promulgated under the Utah Minerals Regulatory Program.

Note on confidentiality: Information provided in the notice of intention relating to the location, size, or nature of the mineral deposit that is clearly marked confidential will be protected as confidential. Each page or map requested to be kept confidential must be stamped or marked as such. The requested confidential information must describe how the confidential material relates to the location size or nature of the mineral deposit; provide a written claim of business confidentiality; and/or include a concise statement of reasons supporting the claim of business confidentiality, unless disclosing the location of explosives or historic, prehistoric, paleontological, or biological resource that must be considered confidential under statute.

"Small Mining Operations" mining operations which have a disturbed area of five or less surface acres at any time.

-	GENERAL INFORMATION (Rule R647-3-104)		
1.	Name of Mine: Falcon Ridge Quarry		
2.	Legal name of entity (or individual) for whom the permit is being requested:Staker & Parson Companies		
	Mailing Address: 1730 N. Beck Street		
	City, State, Zip: Salt Lake City, UT 84116		
	Phone: <u>801-258-3900</u> Fax: <u>801-258-3999</u> E-mail Address: <u>Type</u>		
	Type of Business: Corporation (X) LLC () Sole Proprietorship (dba) () Partnership () General or limited Or: Individual ()		
	Partnership () General or limited Or: Individual () Entity must be registered (and maintain registration) with the State of Utah, Divisi of Corporations (DOC) www.commerce.utah.gov.		
	Partnership () General or limited Or: Individual () Entity must be registered (and maintain registration) with the State of Utah, Divisi of Corporations (DOC) www.commerce.utah.gov. Are you currently registered to do business in the State of Utah? X Yes No		
	Partnership () General or limited Or: Individual () Entity must be registered (and maintain registration) with the State of Utah, Divisi of Corporations (DOC) www.commerce.utah.gov.		
	Partnership () General or limited Or: Individual () Entity must be registered (and maintain registration) with the State of Utah, Divisi of Corporations (DOC) www.commerce.utah.gov. Are you currently registered to do business in the State of Utah? Yes No Entity # 4910822-0142 If no, contact www.commerce.utah.gov to renew or apply. Local Business License # 20020729 (if required)		
	Partnership () General or limited Or: Individual () Entity must be registered (and maintain registration) with the State of Utah, Divisi of Corporations (DOC) www.commerce.utah.gov. Are you currently registered to do business in the State of Utah? Yes No Entity # _4910822-0142 If no, contact www.commerce.utah.gov to renew or apply.		

DIV. OIL GAS & MINING

AUG 3 1 2010

DIV. OF OIL, GAS & MINING

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Address: 1730 North Beck Street City, State, Zip: Salt Lake City, UT 84116 Phone: 801-258-3917		Contact Person(s)	
Address: 1730 North Beck Street City, State, Zip: Salt Lake City, UT 84116 Phone: 801-258-3917 Emergency, Weekend, or Holiday Phone: 801-258-3998 E-mail Address: iteanfield@stakerparson.com ontact person to be notified for: permitting (X) surety (X) Notices (X) (please check all that pply) Name: Mike Dalley Address: 1730 North Beck Street City, State, Zip: Salt Lake City, UT 84116 Phone: 801-258-3865 Emergency, Weekend, or Holiday Phone: 801-258-3999 Emergency, Weekend, or Holiday Phone: 801-258-3999 Emergency, Weekend, or Fax: 801-258-3999 Emergency, Weekend, or Fax: 801-258-3999 Emergency, Weekend, or Fax: 801-258-3999 Emergency, Weekend, or Holiday Phone: 801-258-3999 Emergency, Weekend, or Holiday Phone: 801-455-7577 E-mail Address: mdallev@stakerparson.com ontact person to be notified for: permitting (X) surety (X) Notices (X) (please check all that pply) Registered Utah Agent (as identified with the Utah Department of Commerce) (if individual leave blank): Name: CT Corporation System Address: 136 East South Temple Ste. 2100 City, State, Zip: Salt Lake City, UT 84111 Phone: Fax: E-mail Address: If Business is a Sole Proprietor: Name of Owner: Business Address: City, State, Zip: Phone: Fax: E-mail Address: If Business is a Corporation: Name of 1state Liability Company: Member Managed Manager Managed Leadquarters Phone: 801-731-1111 Fax: R01-731-8800 E-mail Address: City, State, Zip: Deden. UT 84401 Headquarters Address: Title: Title: Email Address: City, State, Zip: Phone: Fax: E-mail Address: Title: State, Zip: State, Zip: Phone: Fax: E-mail Address: Fax: E-mail Address: City, State, Zip: Phone: Fax: E-mail Address: State, Zip: State, Zip: Phone: Fax: E-mail Address: State, Zip: State, Zip: Phone: Fax: E-mail Address: State, Zip: State, Zip: State, Zip: State, Zip: E-mail Address: State, Zip: State, Zi		Name: Travis Canfield	Title: South Aggregates Manager
City, State, Zip: Salt Lake City, UT 84116 Phone: S01-258-3917 Fax: 801-258-3998 Emergency, Weekend, or Holiday Phone: 801-648-6780 E-mail Address: :canfield@stakerparson.com ontact person to be notified for: permitting (N) surety (N) Notices (N) (please check all that pply) Name: Mike Dalley Title: Environmental Control Address: 1730 North Beck Street City, State, Zip: Salt Lake City, UT 84116 Phone: 801-258-3808 Emergency, Weekend, or Holiday Phone: 801-455-7577 E-mail Address: mailer@stakerparson.com ontact person to be notified for: permitting (N) surety (N) Notices (N) (please check all that pply) Registered Utah Agent (as identified with the Utah Department of Commerce) (if individual leave blank); Name: CT Corporation System Address: 136 East South Temple Ste. 2100 City, State, Zip: Salt Lake City, UT 84111 Phone: Fax: E-mail Address: If Business is a Sole Proprietor: Name of Owner: Fax: E-mail Address: City, State, Zip: Dadden UT 84401 Headquarters Phone: 801-731-1111 Fax: 801-731-8800 E-mail Address: If Business is a Limited Liability Company: Member Managed Manager Managed Name of 1st Member/Manager: Business Address: City, State, Zip: Fax: E-mail Address: Fax: E-mail Address: Fax: E-mail Address: City, State, Zip: Fax: E-mail Address:		Address: 1730 North Beck Street	
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Emergency, Weekend, or Holiday Phone: 801-648-6780 E-mail Address: teanfield@stakerparson.com ontact person to be notified for: permitting (X) surety (X) Notices (X) (please check all that pply) Name; Mike Dalley		Phone: 801-258-3917	Fax: 801-258-3998
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Form MR-SMO 09212009

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5.	Ownership of Land Sui					
	Private (Fee) ⚠X Public Domain (BLM) ☐ National Forest (USFS) ☐ State Trust Land/School Sections ☐ State Sovereign Lands ☐					
	Other (please describe):					
		rson Address 1730 No. Beck St., SLC UT 84116				
		AddressAddress				
		Address				
	Add 000					
6.	Ownership of Minerals					
	Private (Fee) XX Pub	ic Domain (BLM) □ National Forest (USFS) □				
	State Trust Land/School	Sections ☐ State Sovereign Lands ☐				
	Other (please describe):					
	Name <u>Staker & Pa</u>	rson Address 1730 No. Beck St., SLC, UT 84116				
	Name	Address				
	Name	Address				
	Name	Address				
	BLM Lease or Project File Number(s) and/or USFS assigned Project Number(s):					
	BLM Claim Numbers					
	Utah State Lease Number(s):					
	Name of Lessee(s)					
7.	Have the above surface and mineral owners been notified in writing? Yes No					
	If no, why not?					
Mining ald Exploration Lands Add	one does not satisfy the none or mining activity on Staministration prior to comi	t Lands are involved, notification to the Division of Oil, Gas and otification requirements of Mineral Leases upon State Trust Lands. Ite Trust Lands requires a minimum of 60 days notice to the Trust appearance and activities. Please contact the School Institutional Trust 11) 538-5508 for notification requirements.				
8.	Does the Entity ha	ve legal right to enter and conduct mining operations on the is notice? Yes XXX No				

APPROVED

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Page 3

11.	PROJECT LOCATION & MAP (Rule R647-3-105) 1. Project Location (legal description):					
		ty(ies): Salt Lake				
		1/4, of 1/4, of NS 1/4: Section: 25 Township: 1 NORTH Range: 1 WEST 1/4, of 1/4, of 1/4: Section: Township: Range: 1/4, of 1/4: Section: Township: Range:				
	UTM	East (if known) UTM North (If known)				
	Name	e of Quad Map for Location: AERO GRAPHIC'S AUGUST 14, 2002 TOPO MAP				
	2.	An accurate topographic base map showing the location of the proposed small mining operation must be submitted with this notice. The areas to be disturbed including access roads, must be plotted in sufficient detail so that they can be located on the ground. It is recommended that the Permittee / Operator also photo document, plot and label any pre-existing disturbances in the immediate vicinity that he is not responsible for.				
	3.	The proposed (5 acre or less) disturbed area boundary (including access/haul roads) should be marked in the field ON THE GROUND with metal T-Posts (or with some other marker of equal effectiveness). Markers should be appropriately spaced so that the next marker in either direction is clearly visible with the naked eye.				
III.	OPE	RATION PLAN (Rule R647-3-106)				
	1.	Type of mining: Surface ♣X Underground □				
	2.	Mineral(s) to be mined: Limestone				
	3.	Amount of material to be extracted, moved or proposed to be moved:				
	4.	Will any water, liquid chemicals, reagents, or other solutions be used, produced or discharged as part of the mining or milling process? Yes No XX If yes, please describe (add extra pages if needed)				
	5.	Provide a brief description of the proposed mining operation and onsite processing facilities (add extra pages if necessary). Blasting, Pushing, Crushing of Rock				
	6.	□ New Road(s): Length(ft) Width(ft)				
	7.	☑ Improved Road(s): Length 2,165 (ft) Width 11.2 (ft)				
Farm N	AP SMO	APPROVED				

- 8. Total project surface acreage to be disturbed: 5 (acres) PLEASE SPECIFY EXACT ACREAGE (this will be used to determine surety bond amount see #VI).
- 9. Proposed startup date of project (month, year) October 2006
- 10. Proposed completion date of project, if known (month, year) Not Known

IV. OPERATION AND RECLAMATION PRACTICES (Rule R647-3-107, 108 & 109)

- 1. Keep the mining operation in a safe, clean, and environmentally stable condition.
- 2. Permanently seal all shafts and tunnels to prevent unauthorized or accidental entry.
- 3. Plug drill holes with a five foot cement surface plug. Holes that encounter fluids are to be plugged in the subsurface to prevent aquifer contamination.
- 4. Construct berms, fences, or barriers, when needed, above highwalls and excavations.
- Remove, isolate, or neutralize all toxic materials in a manner compatible with federal and state regulations.
- 6. Remove all waste or debris from stream channels.
- 7. Dispose of any trash, scrap metal, wood, machinery, and buildings.
- 8. Conduct mining activities so as to minimize erosion and control sediment.
- 9. Reclaim all roads that are not part of a permanent transportation system.
- 10. Stockpile topsoil and suitable overburden prior to mining.
- 11. Stabilize highwalls by backfilling or rounding to 45 degrees or less, where feasible; reshape the land to near its original contour, and redistribute the topsoil and suitable overburden.
- 12. Properly prepare seedbed to a depth of six inches by pocking, ripping, discing, or harrowing. Leave the surface rough.
- 13. Reseed disturbed areas with adaptable species. (The Division recommends a mixture of species of grass, forb, and browse seed, and will provide a specific species list if requested.)
- Plant the seed with a rangeland or farm drill, or broadcast the seed. Fall is the preferred time to seed.

V. <u>VARIANCE REQUEST</u> (Rule R647-3-110)

Any variance request must be approved in writing by the Division
Yes □ No ☒

Any planned deviations from Rules R647-3-107, Operation Practices, R647-3-108, Hole Plugging Requirements, or R647-3-109, Reclamation Practices, as summarized above (see IV. Operation and Reclamation Practices Item # 1-14), should be identified below listing applicable rule number. Give justification for the variance(s) and alternate methods or measure to be utilized. A variance shall be granted if the alternative method or measure proposed will be consistent with the Act.

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Page 5

1 st	Variance Red	luested		
	m#	Applicable Rule # (i.e. R647-3-109.10) (if you did not want trench	hes & pits reclaimed)
		ds or measure to be utilized:		
2 ⁿ	^d Variance Red N / A	quested		
		Applicable Rule #		
		ds or measure to be utilized:		
3 ^{rc}	^d Variance Rec	quested		
1000	m #	Applicable Rule #		
		ds or measure to be utilized:		
Attac	h additional r	page If more variances are req	wested	
	lamation cor	Act 40-8-7(1)[c]) ntract and surety must be prof operations.	ovided to and app	roved by the Division prior
	that all min	Mined Land Reclamation Act (4 ning operations furnish and ma ed is reclaimed according to ac	intain reasonable s	urety to guarantee that the
	amounts a	amount is based on the nature re based on data from current ng with actual site conditions.		
		small mines sites will be escalar dollar amount required for thi		s to the future. Contact the
	provided or wi ertificate of De	ill provide surety in the form of: eposit Letter of Credit	Surety Bond	☐ Cash (certified funds)
0	ther		(please identify)	
VII.	PERMIT FE	<u>EE</u> [Mined Land Reclamation	Act 40-8-7(1)(i)]	
	assessmen permit fees until the pro	fined Land Reclamation Act of it of permitting fees. Commendare assessed to new and exist oject disturbances are success the Division.	cing with the 1998 f	iscal y ear (July 1 - June 30), ntion, and annually thereafter

Form MR-SMO

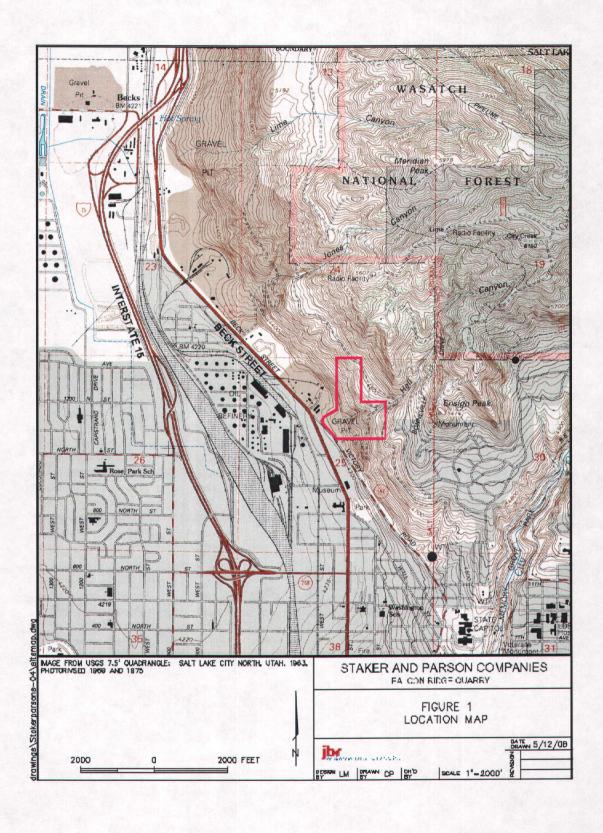
DIV. OIL GAS & MINING

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Page 6

Small Mine Notices require a \$150.00 fee which must accompany this application or it cannot be processed by the Division.

	The following person(s) are authorized and desig Orders and all other Notices required by the Divis	ion to be given to the permittee or	
	N	See New Contact on page 2 of NOI 1116 as per MR-REV 301-258-3999 Peterved on Any 24, 2010	
	Name: Marty White Address: 1780 No. Beck Street	page 2 of NOI	
	City, State, Zip: Salt Lake City, UT 84	1116 as ner MR-REV	
	Phone: 801–258–3900 Fax: 8	301-258-3999 Tetervid on Aug 26,2016	
	E-mail Address: mwhite@stakerparson.	com	
	Name: Mike Dalley		
	Address: 1/30 North Beck Street		
	City, State, Zip: Salt Lake City, UT 84		
	Phone: <u>801-258-3900</u> Fax: <u>80</u>		
	E-mail Address: <u>mdalley@stakerpars</u>	On.COM	
VIII. SIC	SNATURE REQUIREMENT		
(Please ch	neck the box and place your initials on the line	provided)	
	I have enclosed the required permit fee.		
	I have enclosed a complete Reclamation Cor	tract (Form MR-RC) and the	
	appropriate reclamation surety amount or have		
	surety will be furnished.		
	I understand that I am not authorized to creat	e any surface disturbance until the	
	surety amount is posted and approved in w rit		
	Mining and any other authorized regulatory a	gency.	
CERTIFIC			
	er penalty of perjury under the laws of the state of	f Utah and the United States of	
America th	iat:		
а	. I have read this form and declare the information	on statements and/or documentation	
ď	are true, correct and complete to the best of my		
b	. I commit to the reclamation of the aforemention		
	by the Utah Mined Land Reclamation Act (40-8) and the rules as specified by the		
	Board of Oil, Gas and Mining.		
C	. This certification must be executed by an ex		
	corporation; by a partner if applicant is a pa		
	owner if applicant is a sole proprietorship;	nember or manager if applicant is a	
	limited liability company.		
Signatu		Date: 11/1/06	
Name	typed or printed):ROCKY WOODRUFF		
Title/Po	osition (if applicable): VICE PRESIDENT		
	IS\Notices\mr-smo-2005.doc	ADDROVED	
Form MR-SMO		APPROVED Page 7	



FALCON RIDGE QUARRY SEP 0 9 2010 LEGEND SEP 1 4 2010 FALCON RIDGE PERMIT AREA FALCON RIDGE QUARRY PIT ENTRANCE/EXIT (0.64 ACRES) <u>City Zoning Classifications</u> EI - Extractive Industries 5 ACRE SMALL MINE PERMIT AREA EI - Extractive Industries OS - Open Space (mining not permitted). OIL GAS & MINIA BLASTING AREA (0.98 ACRES) STAKER PARSON MUCK/LOADOUT AREA (2.68 ACRES)

DIRT ROAD (0.67 ACRES)

DATE: 8/26/10

SHEET: 1 OF 1



November 10, 2006

HAND DELIVERED

Doug Jensen Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114

Dear Mr. Jensen:

Per our meeting on Monday November 6, concerning the Application for a Small Mine Permit for the Falcon Ridge Quarry, and the Division of Oil, Gas, and Mining request for more information, here is the following information:

- Enclosed is an updated mining map.
- A copy of Intermountain West Energy Inc. Blasting Procedures.
- Seismic monitoring will be done internally, as well by a third party.
- Any accesses onto the property will be closely monitored and prohibited prior to blasting.
- Notification of appropriate entities will be done as required by State and Federal Regulations.
- The anticipated Powder Factor for the first blast at Falcon Ridge will be 0.8 pcy (15x15 pattern with 25 foot deep holes).

Please contact me if you have any further questions.

Sincerely,

Staker & Parson Companies

Michael Dalley

Environmental Affairs

ENC

APPROVE

NOV 1 3 2003

DIV. OIL GAS & Mine.

RECEIVED

NOV 1 3 2006

DIV. OF OIL, GAS & MINING

PH 801-258-3800

FAX 801-266-8048

www.stakerparson.com 151 West Vine Street, Murray, UT 84107



INTERMOUNTAIN WEST

P.O. BOX 15808 BOISE, ID 83715-5808 PH. (208) 336-8738 FAX (208) 336-0855

P.O. BOX 900518 SANDY, UT 84090 PH. (801) 943-4133 FAX (801) 943-4113 P.O. BOX 3488 BUTTE, MT 59702 PH. (406) 287-3229 FAX (406) 287-3640 ENERGY, INC.

Intermountain West Energy's Inc. Blasting Procedures

I. Prior to Drilling

To get optimum explosive performance and rock breakage we need proper energy distribution, energy confinement and amount explosive energy available will need to be determined. A group effort will be required. All shots should be reviewed prior to drilling if possible to determine the following:

A. Desired fragmentation

Size of rock desired

The desired size of rock will be one of the determining factors in the hole size requirement and what type of drill is available. What are the customer's expectations? Can they realistically be achieved with the geology, bench height and drill hole size available? What powder factor will needed to achieve the desired results?

2. Bench height

What is height of the final working face? Will you be able to get a hole of adequate depth? Try to always have a minimum of a 7' deep hole with a 3" hole. Will holes need to be decked for vibration concerns, if so will the pattern need to be reduced to have sufficient energy in the ground to break the rock properly? How much sub-drill will be required to keep a smooth and level floor?

Desired high wall type

Is this the final high wall? If so, does it need to be pre-split? Are there any requirements from MSHA, DOT or others on final high wall profile?

- 4. Do you anticipate the presence of water?
- 5. Geology
 - Rock Characteristics

Try to determine how hard and how dense is the rock? Is the rock layered, jointed, fractured or massive? What are the bedding planes? How difficult will the rock be to drill? Will hole cones be needed to keep holes open and to depth? The shot pattern and final hole placement need to be made to take advantage of these geological factors?

b. Voids

Be sure voids are noted on drill logs!

c. soft areas (mud or dirt seams)

These should also be noted if possible to eliminate potential fly rock.

d. Dir

Structures dipping back into the pit can cause excessive toe and may require the free face to be reoriented, or may need more sub drill.

e Strike

The strike in laminated of sedimentary will be a major determining factor on spacing.

f. Safety Considerations (See Hazards)

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B. Final muck pile placement

The final muck pile placement will be determined by the customer if it can be done safely. The type of loading equipment, how much movement is desired and the cost associated to achieve the desired result will enter into the shot design.

C. Hazards

- Nearest Structure
 - a. Vibration concerns (how many feet away and how many lbs. per delayed can be shot)
 - b. Direction of shot to minimize potential fly rock issues.
 - c. What equipment may need to be moved out of the potential fly rock zone?
 - Make sure the access onto the shot can be achieved safely with your equipment.
- 2. Shot guarding and blocking issues Determine where you need to set up blocks and guards both during loading and during the shot. Will you need help in securing the area, how will you communicate with those helping and are you able to see the entire area from where you can safely initiate the shot from? Is there adequate cover for the blaster in charge when initiating the shot?

D. Timeframe

When do they need the shot loaded and ready to shoot by? Remember that 90% of all misfires and fly rock incidents have one thing in common and that is the blaster in charge hurrying to meet a deadline with a blast! How much help will be required to meet the timeframe? Be realistic if you can't safely meet the deadline let them know. Safety first!

II. Prior to Loading

- A. Make sure all agencies and local authorities that require permits and/or notification have been contacted prior to loading.
- B. Make sure that none of the holes are wet, if they are wet how many and how deep is the water? From this information determine how much wet hole product will be required.
- C. Is a drill log available, how many holes were drilled, are there any variations to the original shot design or plan? Were there any unusual conditions encountered when drilling the shot?
- D. Make arrangements for proper stemming material.

III. Transportation

Smoking in a vehicle hauling explosives is prohibited. Vehicle must be attended at all times. If travel on a public roadway a bill of lading with a route plan must be filled out before leaving the magazine area. Make sure you have fire extinguishers in good working conditions, properly inspected and certified.

IV. Blast Site Safety Audit & Tailgate Safety Meeting

Before starting to load the shot a brief blast site safety audit and tailgate safety meeting is required. The entire area and roads leading to the blast site area need to be checked for hazards, like falling rock, dangerous intersections and haul traffic.

A. Blast Site Safety Audit check list

1. All blasting personnel wearing hard hats, safety shoes, safety glasses and fluorescent vests?

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- 2. Is a drill log available and reviewed by the blaster in charge prior to loading?
- 3. Prior to loading, make sure the blast site is barricaded to prevent unauthorized entry and have our blast warning signs been placed to notify others of our activity?
 - 4. Has the blaster in charge inspected the face prior to loading?
 - Make sure no nonessential vehicles can be driven onto the blast site.
- 6. Check to see if any holes will have to be driven over the top of to facilitate the loading of the shot. If so, how can this be minimized and still not loose a hole?
- 7. Has the blaster in charge made sure that everyone on the blast pattern understands their role? Does each understand what product and how much will be loaded in each hole? What is the minimum amount of stemming required?
 - 8. Is their adequate shelter for the shot firer?
- V. Explosives on the Pattern and Priming of Holes

Make sure that all holes have been measured and checked for the correct depths and noted. Notify the blaster in charge if any holes are to deep or to shallow. If any caps or boosters should be dropped down a borehole notify the blaster in charge and are noted on the blast report. Do not force any detonator into any cap well on the booster! Make sure the cap is all the way in and to depth. If not, do not put prime this hole without first contacting the blaster in charge of the problem of what action needs to be taken next. Lower the made up primer assembly down the borehole, do not drop. Listen for water when lowering the booster. Observe how much non-electric tubing is left over after priming, make sure it is long enough to reach the next hole or there is not an excess amount of tubing. This may indicate a hole that now has a blockage; if so notify the blaster in charge for what to do next.

VI. Bulk Loading Holes

First make sure all holes with known voids have been lined with a liner material. Next use a calculator to determine the amount of product that each hole should receive and what is the maximum that can be loaded in each hole. Each hole must be checked for column rise with a bore hole tape during the loading process. If column rise cannot be achieved stop and line the hole. If any hole should be overloaded be sure the blaster in charge is notified so the potential hazard can be alleviated.

VII. Bulk Truck Operations

Has a pre-shift inspection been made to ensure that the truck is operating safely? Make sure that all personnel understand how the pattern will be loaded. Make sure that the fueling system has all valves opened and the meters have been reset. Before loading the first hole auger a small amount of product out onto the ground to ensure that the auger system is working correctly and the product is being oiled with the diesel fuel. Remember no one is allowed within six feet (6') of the high wall without being tied off. Make sure the down line is secured before leaving each hole after it is loaded.

VIII. Stemming

First pull the down line until it is snug and re-secured. Make sure that when stemming manually with a shovel that the down line does not get cut. Watch that no large rocks can fall into the hole. This could cause a blockage and lead to a flyrock incident. When using the skid steer to load holes makes sure that the stemming material is put in slow enough to prevent the hole from blocking as well. Make sure the skid steer does not run over any of the down lines and damage them.

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IX. Connecting the Surface Initiation System

The blaster in charge will determine the tie in direction and procedure for each shot. When hooking up the Handidet make sure to run your hand over the entire length of tube at the top of each hole before connecting it to the next hole. If any nicks or cuts are found be sure to notify the blaster in charge. All shots will be walked twice to ensure that all holes are tied in and the timing is correct between both the holes and the rows. Then draw up a shot diagram of how the shot is tied in.

X. Guarding the Shot

This is to prevent any unauthorized entry into the blast site. If for some reason some one enters the blast site without authorization, notify the blaster in charge and recheck the entire blast pattern to ensure everything is still connected.

XI. Assist in Clearing of Blast Area and Blocking During the Actual Firing of the Blast Make sure that all personnel and equipment have been moved out side of the minimal distance of the blast area. Make sure that everyone knows and understands the blast signals, normally there will be two. First a five minute warning followed by a one minute warning. Make sure that all access to the blast site is blocked and manned by an individual that can be communicated with by radio or cell phone. Be sure that individual prevents all unauthorized entry at that location until after the all clear signal is given after the blast or is notified by the blaster in charge. Before firing the shot double check with all guards that the area is still secure and safe.

XII. Checking of Blast Site after Detonation

After the shot has been fired the blaster in charge shall walk the shot to ensure that all holes have fired. The blaster in charge shall also inspect the area that no damage from flyrock occurred during the blast.

XIII. Making a Post-Blast Shot Report

The last step will be to make a post-blast shot report. This report should have detailed drawing of the shot tie in, amount of product used and how much stemming was used. Be sure the time of the blast is noted on the shot report. Any abnormal items should be noted on the shot report like having to double prime a hole or a booster was lost down a hole, etc. Make sure all explosives are returned to the magazine, the magazine records are updated to reflect the product used in the blast and the magazines are locked up.

For additional reference on loading and blasting procedures refer to the Orica Blasting Safety Guidelines and Blasters Handy Tables.



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COMMITMENT FOR TITLE INSURANCE

Schedule C

Order No. F-00053544 Amendment No. 1

PARCEL 1 (referred to as the "18 acre" parcel):

Beginning at a point 86.6 rods North from the center of Section 25, Township 1 North, Range 1 West, Salt Lake Base and Meridian, and running thence North 73.4 rods; thence East 40 rods; thence South 73.4 rods; thence West 40 rods to the point of beginning.

The following is shown for informational purposes only: Tax Sidwell No. 08-25-200-001

PARCEL 2 (referred to as the "30 acre" parcel):

Property in Section 25, Township 1 North, Range 1 West, Salt Lake Meridian, commencing 1211.10 feet South from the North quarter corner of said Section 25, thence South 990 feet; thence East 1320 feet; thence North 990 feet; thence West 1320 feet to Beginning.

The following is shown for informational purposes only: Tax Sidwell No. 08-25-200-008

PARCEL 3 referred to as the "Sinclair Oil" parcel):

Beginning 435.3 feet North from the center of Section 25, Township 1 North, Range 1 West, Salt Lake Base and Meridian; thence North 651.3 feet; thence North 50° West 115.5 feet more or less; thence South 63°56′ West 324.1 feet more or less to Premium Oil Co., et al tract; the South 19°4′ West 177.7 feet more or less to the relocated Easterly line of Victory Road; thence along the Easterly line of Victory Road the following 4 courses; South 49°42′ East 94.0 feet more or less; thence South 43°59′ East 200.0 feet; thence South 41°50′ East 133.0 feet; thence Southeasterly along a 2,939.9 foot radius curve to the right 127.5 Teet more or less to the point of beginning.

The following is shown for informational purposes only: Tax Sidwell No. 08-25-126-014

SCHEDULE C Commitment



Founders Title Company

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